

MaxSynths

WTS-1 VSTi 1.0



INTRODUCTION

WTS-1 is a small synthesizer developed to provide an easy to understand tool for everyday usage. The simple interface and straight workflow make it the ideal tool for bread and butter bass, lead and pad sounds creation. Despite its simple aspect WTS-1 can create also interesting sound effects thanks to the built-in LFO. WTS-1 has a special "instability" function which introduce some imperfections into the oscillators audio path to simulate the behaviour of old analog synthesizers.

OSCILLATORS

Waveform: select the oscillator waveform between the four available (Synth Bass, Synth Reso, Synth Organ, Synth Mega Saw).

ADSR: envelope controls for the oscillator.

Level: set the volume level for the oscillators.

Pan: set the stereo pan position.

Octave and Filter Routing: available on the bottom of the oscillator section these controls are used to set the oscillator octave intonation and to route the audio signal to filter 1 or 2.

FM: the FM knob is used to set the amount of modulation applied to Oscillator1. The audio output of OSC2 modulate OSC1.

FILTERS

ADSR: envelope controls for the filter.

Cut and Res: controls the cut off point and the resonance level of the filter.

ENV: this is the amount of envelope applied to the filter.

DELAY

Left and Right: delay amount for left and right channels.

Feed: feedback level.

Mix: set the delay volume. The delay works in serial mode so if the mix knob is set fully clockwise this can increase the overall volume by several decibels.

LFO

Rate: set the rate (speed) of the LFO.

Depth: set the amount of modulation to be applied to the destination.

Dest: select the destination of the LFO (OSC1 pitch, OSC2 pitch, OSC1+2 pitch, Filter1 cut off, Filter2 cut off, Filter1+2 cut off, FM amount).

MAIN CONTROLS

Inst: this button set the "instability" function on or off. When "on" a small amount of imperfections are introduced into the oscillators paths to simulate the small imperfections available on old analog synthesizers. The "instability"

function can be useful to achieve a "non-linear" sound according with the different sound programming situations.

Mono: set the syntheziser in mono mode.

Glide: the glide control set the amount of glide when the synth is working in mono mode.

Bal: set the overall balance (stereo position).

Vol: overall volume level.

INSTALLATION

Copy the WTS-1.dll file into your VST directory.

CREDITS

Concept, development, GUI and sound design by Massimo Bosco.
Some control elements created by Vera Kinter (www.artvera-music.com).
Additional modules by: David Haupt and Nikko.

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